

# Mecklenburg County Common Code Defects

## Plumbing

### Code Defects

- “Piping test missing or incorrect.”
- (Drainage)

### Code Description

**312.4 Drainage and vent final test.** The final test of the completed drainage system within the building shall be visual and in sufficient detail to determine compliance with the provisions of this code except that the plumbing shall be subjected to a smoke test where necessary for cause. Where the smoke test is utilized, it shall be made by filling all traps with water and then introducing into the entire system a pungent, thick smoke produced by one or more smoke machines. When the smoke appears at stack openings on the roof, the stack openings shall be closed and a pressure equivalent to a 1-inch water column (248.8 Pa) shall be maintained for 15 minutes before inspection starts.

**Exception:** *Rough plumbing for one and two family dwellings shall be as specified above except the water level shall be a minimum of 3 feet above the highest drainage fitting.*

***Disclaimer: There may be other ways to comply with the Code. If so, you are not required to use this method to comply with the Code. You may want to investigate other options, or consult with a design professional identifying an equally code compliant solution.***

### End Notes

North Carolina Plumbing Code & North Carolina Mechanical Code & North Carolina Fuel Gas Code.  
International Code Council  
Southern Building Code Congress